

CLEVERMAX



HD-20A Camera

1080P Ultra-Wide Field

This is a 1080P full HD ultra wide-angle USB camera. It adopts 90-degree wide angle without distortion, privacy protection cover, and leading 3A (auto focus, auto exposure, auto gain) algorithm technology to ensure accurate color reproduction of images and present perfect effects of video. The built-in dual noise reduction microphones capture natural and clear sound. The damped 360° rotating shaft bracket is easy to install, stable and reliable. The camera can be applied to various application scenarios such as remote meetings, webcasts, and online education.



Wide-Angle
No Distortion



Innovation
Privacy Protection Cover



Full HD
1080P



Noise reduction tech
Built-in Stereo Mic

Compatible with the following products





90-degree wide-angle

The 90-degree distortion-free wide angle can ensure that everyone can get into the lens clearly, show more screen content without distortion.



Webcam with Privacy Protection Cover

The sliding cover design can cover the lens when not in use, protecting privacy and more peace of mind. It also helps to protect the lens from dirt and debris to ensure your video remains clear for the life of the camera.



Full HD 1080P Webcam

Powered by the 1080p Full HD 2 Megapixel CMOS, The C0 PC Webcam operates in full high definition on Zoom, Skype, FaceTime, Youtube, Twitter, Google Hangouts and more. Easy to start online meeting, video conferencing and personal live broadcast etc.. Max resolution is up to 1920 * 1080 30fps.



Built-in dual noise reduction microphones

Built-in stereo mic is coupled with noise reduction tech that reduces the circuit noise and the background noise to control the external noise. Capture your natural voice from every angle, make you heard very clearly.



Model	
Name	HD-20A Camera
Colors	Black, Silver Black
Sensor	1/2.7", CMOS, Pixel: 2.1 million, 30fps
Lens Mount	M12
Lens	Focus: f=2.1mm, FOV: 90°
Minimal Illumination	0.05 Lux
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Manual
Camera bracket	bracket with damper
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Support
Microphone	
Mic	Professional electret condenser microphone
Number of Arrays	2
Pickup Range	6 M, 360° all-round
Signal-Noise Ratio	78dB
Frequency Response	24kHz
Noise Suppression	Support
USB Features	
Operate System	Windows 7 (1080p and under only), Windows 8.1, Windows 10 or higher MacOS™ 10.10 or higher Google™ Chromebook™ Versio 29.0.1547.70 or higher Linux (Need to support UVC)
Hardware	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB RAM or more USB 2.0 port
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps
USB Video Communication Protocol	UVC 1.1
Input/Output Interface	
USB Interface	1xUSB 2.0: Type A.
General Specification	
Input Voltage	5V (USB power supply)
Current Consumption	270mA
Operating Temperature	-10° C ~ 40° C (14° F ~ 104° F)
Storage Temperature	-40° C ~ 60° C (-40° F ~ 140° F)
Power Consumption	1.4W
Size	133.5mm*61.3mm*58.8mm
Line length	1.5m
Net Weight	144g
MTBF	30000h

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